In the Claims:

5

Please amend claims 1, 2, 10, 14 and 22 as follows:

1. (Currently Amended) A mixture to be employed in conjunction with water for preparing a sprayable slurry that hydrates to form a machinable plaster composition, said mixture comprising:

from about 80% to about 98% by weight calcium sulfate hemihydrate;

from about 1% to about 5% by weight adhesive binder for adhering said plaster mixture to a substrate; and

from about 0.001% to about 10% of a polysaccharide, and an internal binder.

- 2. (Currently Amended) The mixture according to claim 1 further emprising anwherein said internal binder is present in amounts of about 1% to about 13% by weight.
- 3. (Original) The mixture according to claim 2 wherein said internal binder is a poly (ethylene glycol).

- 4. (Original) The mixture according to claim 2 wherein said internal binder is a poly(ethylene glycol) having a molecular weight of approximately 8,000 Daltons.
- 5. (Original) The mixture according to claim 2 wherein said internal binder is a poly (ethylene glycol), and said adhesive binder is an ethylene/vinyl acetate copolymer.
- 6. (Original) The mixture according to claim 1 wherein said adhesive binder is a water redispersible composition having adhesive properties.
- 7. (Original) The mixture according to claim 1 wherein said adhesive binder is an ethylene/vinyl acetate copolymer.
- 8. (Original) The mixture according to claim 1, further comprising a polymeric resin.

5

- 9. (Original) The mixture according to claim 8 wherein said polysaccharide has a molecular weight greater than 2,000,000 Daltons.
- 10. (Currently Amended) The mixture according to claim 1 wherein said mixture comprises approximately 80% to 90% by weight of said calcium sulfate hemihydrate, approximately between 0.01% and 1% by weight of said polysaccharide, approximately between 4% and 12% by weight of said internal binder and approximately between 1 and 5 percent by weight of said adhesive binder.
- 11. (Original) The mixture according to claim 10 wherein said internal binder is poly(ethylene glycol), and said adhesive binder is ethylene/vinyl acetate copolymer.
- 12. (Original) The mixture according to claim 10 further including less than 1% of a defoamer.
- 13. (Original) The mixture according to claim 11 wherein said mixture comprises from about 6% to about 9% by weight of said poly(ethylene glycol).

14. (Currently Amended) A sprayable slurry that hydrates to form a machinable plaster, said slurry comprising:

a dry mixture comprising:

calcium sulfate hemihydrate;

an internal binder

5

an adhesive binder; and

polysaccharide; and

from about 10% to about 50% water based on the weight of said dry mixture.

- 15. (Original) The slurry according to claim 14 wherein said slurry comprises less than 32 weight % water based on the weight of the dry mixture.
- 16. (Original) The slurry according to claim 15 wherein said slurry comprises less than 25 weight % water based on the weight of the dry mixture.
- 17. (Original) The slurry according to claim 14 wherein said calcium sulfate hemihydrate is alpha-calcium sulfate hemihydrate.

- 18. (Original) The slurry according to claim 14, further comprising a defoamer.
- 19. (Original) The slurry according to claim 18 wherein said defoamer comprises from about 0.2% to about 0.8% by weight of said mixture.
- 20. (Original) The slurry according to claim 14 further including a setting rate retarder comprising one or more of sodium citrate, citric acid, tartaric acid, sodium tartrate, a proteinaceous material, or a phosphate.
- 21. (Previously Presented) A method of making a shaped plaster article comprising:

mixing a slurry comprising calcium sulfate hemihydrate, an adhesive binder for adhering said slurry to a substrate, 0.01 to 10% by weight polysaccharide and water;

spraying said slurry onto a substrate;

5

allowing said slurry to set forming a hardened plaster; and machining the hardened plaster to a shape with machine tools.

5

22. (Currently Amended) A shaped gypsum article on a substrate comprising:

an article shaped by machining the set and dried product of a slurry sprayed onto and adhering to a substrate, said slurry comprising calcium sulfate hemihydrate, an adhesive binder for adhering said plaster mixture to a substrate, 0.001% to 10% by weight polysaccharide and water.

- 23. (Previously Presented) The mixture according to claim 1 wherein said polysaccharide comprises at least one of the group consisting of scleroglucans and xanthan gums.
- 24. (Previously Presented) The slurry according to claim 14 wherein said polysaccharide comprises at least one of the group consisting of scleroglucans and xanthan gums.
- 25. (Previously Presented) The shaped gypsum article according to claim 22 wherein said polysaccharide comprises at least one of the group consisting of scleroglucans and xanthan gums.